

Work Order ID 68609

Monday, April 18, 2011 1:58:13 PM



Page 1

Item ID: D350-636-215

Accept



Setup Start



Revision ID:

Stop



Item Name: Skidtube STD LH, Deluxe

Start Date: 4/18/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/18/2011 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: MF Date: 11-04-18

Tooling:

Date:

Run Start



QC: _____

Date:

SPC (Y/N): _____

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D350-636	H								

100

0.00



DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-636-215 CHG002

MF 11-4-18

110

Assemble as per dwg

0.00



HandFinish

Memo

0.00

Hand Finishing

1- Assemble Toe kit, Wedge kit and Tow ring kit to D350-636-015 as per IIN-D350-636 page:15-16-17-20

1 of 11 labels

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

11 04 151367939

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 68609

Monday, April 18, 2011 1:58:13 PM



Page 2

Item ID: D350-636-215

Accept



Setup Start



Revision ID:

Stop



Item Name: Skidtube STD LH, Deluxe

Start Date: 4/18/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 4/18/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150 	Packaging	0.00							
Packaging	Memo Identify and pack for shipping as per PPP D350-636-215 Location: <u>A</u> PPP rev: _____	0.00							<u>4/18/11</u>
160 	QC21- Final Inspection - Work Order Release	0.00							
QC Quality Control	Memo	0.00							<u>4/19/11</u> mf 11-04-19

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, April 18, 2011 1:58:09 PM

Page 1

Work Order ID: 68609

Parent Item: D350-636-215

Parent Item Name: Skidtube STD LH, Deluxe

Start Date: 4/18/2011









Required Date: 4/18/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.10.04 new issue DD verf:EC
11.04.14 ecn11-553 DD verf:EC

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-636-015  Skidtube STD w/ Training Wearplates, LH		Manufactured	No			110	Each	1.0000	1	1			
							867938			(x1) All 11/04/14			
					<u>Location</u>		<u>Loc Qty</u>			<u>Loc Code</u>			
					FG072		1						
					67938		1			(x1)			
D350-636-101  Toe Step, LH/RH		Manufactured	No			110	Each	7.0000	1	1			
													
										All 11/04/14			
					<u>Location</u>		<u>Loc Qty</u>			<u>Loc Code</u>			
					FG021		7						
					26089		1			x1			
					67316		6						
D350-636-105A  Wedge Installation		Manufactured	No			110	Each	6.0000	1	1			
													
										All 11/04/14			
					<u>Location</u>		<u>Loc Qty</u>			<u>Loc Code</u>			
					FG021		6						
					67317		6			x1			
D350-636-109  Tow Ring Installation		Manufactured	No			110	Each	2.0000	1	1			
													
										All 11/04/14			
					<u>Location</u>		<u>Loc Qty</u>			<u>Loc Code</u>			
					FG022		2						
					68100		2			x1			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 68097

Wednesday, April 13, 2011 8:54:08 AM



Page 1

Item ID: D350-636-215

Accept



Setup Start



Revision ID:

Item Name: Skidtube STD LH, Deluxe

Stop



Start Date: 4/6/2011 Start Qty: 1.00



Required Date: 4/15/2011 Req'd Qty: 1.00

Reference:

Cust Item ID:

Customer:

Approvals: Process Plan: CMF Date: 11-4-13 Tooling:

Date:

QC: Date: SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-636	H

100

0.00



DC

Document Control

Memo

Photocopy bluefile & type labels per PPPD350-636-215 CHG001

0.00

11/04/13

110

0.00



HandFinish

Hand Finishing

Assemble as per dwg

Memo

1- Assemble Toe kit, Wedge kit and Tow ring kit to D350-636-015 as per IIN-D350-636 page:15-16-17-20

0.00

11/04/13

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Quality Control

Memo

0.00

11/04/13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

[illegible]

Wednesday, April 13, 2011 8:54:08 AM

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Setup Start

RESEARCH

Stop

Figure 1

(a) **Topography**: A map showing the location of the study area in the North Atlantic Ocean, bounded by 40°N to 60°N latitude and 10°W to 30°W longitude. The map includes labels for major geographical features such as the Gulf Stream, Labrador Current, and various oceanic regions.

(b) **Temperature**: A contour plot showing temperature distribution. The x-axis represents longitude from 10°W to 30°W, and the y-axis represents latitude from 40°N to 60°N. Contours indicate temperature values ranging from 8°C to 16°C.

(c) **Salinity**: A contour plot showing salinity distribution. The axes are the same as in (b). Contours indicate salinity values ranging from 34.9 to 35.7.

(d) **Density**: A contour plot showing density distribution. The axes are the same as in (b). Contours indicate density values ranging from 1020 to 1028 kg/m³.

(e) **Velocity**: A vector field plot showing velocity components. Arrows represent the direction and magnitude of flow. The axes are the same as in (b).

(f) **Heat flux**: A contour plot showing heat flux distribution. The axes are the same as in (b). Contours indicate heat flux values ranging from -10 to 10 W/m².

(g) **Momentum flux**: A contour plot showing momentum flux distribution. The axes are the same as in (b). Contours indicate momentum flux values ranging from -10 to 10 N/m².

(h) **Sea level anomaly**: A contour plot showing sea level anomaly distribution. The axes are the same as in (b). Contours indicate sea level anomaly values ranging from -10 to 10 cm.

(i) **Surface current**: A vector field plot showing surface current components. Arrows represent the direction and magnitude of surface currents. The axes are the same as in (b).

(j) **Bottom current**: A vector field plot showing bottom current components. Arrows represent the direction and magnitude of bottom currents. The axes are the same as in (b).

(k) **Vertical velocity**: A contour plot showing vertical velocity distribution. The axes are the same as in (b). Contours indicate vertical velocity values ranging from -10 to 10 m/s.

(l) **Vertical shear**: A contour plot showing vertical shear distribution. The axes are the same as in (b). Contours indicate vertical shear values ranging from -10 to 10 s⁻¹.

(m) **Vertical divergence**: A contour plot showing vertical divergence distribution. The axes are the same as in (b). Contours indicate vertical divergence values ranging from -10 to 10 s⁻¹.

(n) **Vertical convergence**: A contour plot showing vertical convergence distribution. The axes are the same as in (b). Contours indicate vertical convergence values ranging from -10 to 10 s⁻¹.

(o) **Vertical mixing**: A contour plot showing vertical mixing distribution. The axes are the same as in (b). Contours indicate vertical mixing values ranging from -10 to 10 s⁻¹.

(p) **Vertical diffusion**: A contour plot showing vertical diffusion distribution. The axes are the same as in (b). Contours indicate vertical diffusion values ranging from -10 to 10 s⁻¹.

(q) **Vertical advection**: A contour plot showing vertical advection distribution. The axes are the same as in (b). Contours indicate vertical advection values ranging from -10 to 10 s⁻¹.

(r) **Vertical dispersion**: A contour plot showing vertical dispersion distribution. The axes are the same as in (b). Contours indicate vertical dispersion values ranging from -10 to 10 s⁻¹.

(s) **Vertical transport**: A contour plot showing vertical transport distribution. The axes are the same as in (b). Contours indicate vertical transport values ranging from -10 to 10 s⁻¹.

(t) **Vertical exchange**: A contour plot showing vertical exchange distribution. The axes are the same as in (b). Contours indicate vertical exchange values ranging from -10 to 10 s⁻¹.

(u) **Vertical mixing time scale**: A contour plot showing vertical mixing time scale distribution. The axes are the same as in (b). Contours indicate vertical mixing time scale values ranging from 10 to 100 days.

(v) **Vertical diffusion time scale**: A contour plot showing vertical diffusion time scale distribution. The axes are the same as in (b). Contours indicate vertical diffusion time scale values ranging from 10 to 100 days.

(w) **Vertical advection time scale**: A contour plot showing vertical advection time scale distribution. The axes are the same as in (b). Contours indicate vertical advection time scale values ranging from 10 to 100 days.

(x) **Vertical dispersion time scale**: A contour plot showing vertical dispersion time scale distribution. The axes are the same as in (b). Contours indicate vertical dispersion time scale values ranging from 10 to 100 days.

(y) **Vertical transport time scale**: A contour plot showing vertical transport time scale distribution. The axes are the same as in (b). Contours indicate vertical transport time scale values ranging from 10 to 100 days.

(z) **Vertical exchange time scale**: A contour plot showing vertical exchange time scale distribution. The axes are the same as in (b). Contours indicate vertical exchange time scale values ranging from 10 to 100 days.

Cust Item ID:

Start Date: 4/6/2011 **Start Qty:** 1.00

Required Date: 4/15/2011 **Req'd Qty:** 1.00

Customer:

Reference:

Run Start

[illegible]

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop

[illegible]

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

0.00

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-636-215

Location:

PPP rev: _____

QC21- Final Inspection - Work Order Release

0.00

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

QC

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 68097



Parent Item: D350-636-215



Parent Item Name: Skidtube STD LH, Deluxe

Start Date: 4/6/2011

Required Date: 4/15/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.10.04 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-636-015 Skidtube STD w/ Training Wearplates, LH		Manufactured	No			110	Each	0.0000	1	1			
							B67938			(x1) all ul o/s/rv			
D350-636-101 Toe Step, LH/RH		Manufactured	No			110	Each	9.0000	1	1			
										all ul o/s/rv			
							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
							FG021	9					
							26089	3		x1			
							67316	6					
D350-636-105A Wedge Installation		Manufactured	No			110	Each	7.0000	1	1			
										(x1) all ul o/s/rv			
							<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>				
							FG021	7					
							54958	1					
							62317	6		(x1)			
D350-636-109 Tow Ring Installation		Manufactured	No			110	Each	0.0000	1	1			
							B68100			(x1) all ul o/s/rv			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries